

ABSTRACT OF THE DISCLOSURE

This invention relates to an interrogator device for identifying articles each provided with a transponder, comprising radio-frequency (RF) interrogation means for obtaining identifying information on each of the articles, these RF interrogation means comprising an RF antenna coupled to an electronic module for processing the identifying information issuing from the transponders, and the RF antenna comprises two flat coils each incorporated on two opposite ends of a garment worn by an agent in charge of collecting the articles arranged loose over a storage area, and connected to the electronic module worn by the agent by communication lines incorporated in the garment, the electronic module comprising discrimination means for determining pertinent identifying information from a plurality of identifying information obtained from the transponders through said RF antenna.